

CLAIMS

1. A mobile multimedia framework application program interface (API) capable of operation in mobile hardware devices, the mobile multimedia framework API consisting of:

5 a playback interface, a control interface, an event listener interface, an error list interface, an exceptions interface, an events interface, and a protocol handler interface,

wherein a memory size of the mobile multimedia framework API is less than 100 kilobytes.

10 2. A mobile multimedia framework API as recited in claim 1, wherein the playback interface is a top-level entry point to the API for an application.

3. A mobile multimedia framework API as recited in claim 2, wherein the playback interface further defines start and stop playback functionality.

15 4. A mobile multimedia framework API as recited in claim 1, wherein the control interface defines advance playback functions.

5. A mobile multimedia framework API as recited in claim 1, wherein the event listener interface defines objects to receive update events from players.

6. A mobile multimedia framework API as recited in claim 1, wherein the error list interface defines error classes for the API.

7. A mobile multimedia framework API as recited in claim 1, wherein the exceptions interface defines exception classes for the API.

8. A mobile multimedia framework API as recited in claim 1, wherein the protocol handler interface defines classes to handle data delivery protocols.

9. A mobile multimedia framework application program interface (API) capable of operation in mobile hardware devices, the mobile multimedia framework API comprising:

a playback interface consisting of a manager API, a package manager API, a player API, a time API, a time base API, a system time base API, and a media locator API;

an event listener interface; and

a protocol handler interface, wherein a memory size of the mobile multimedia framework API is less than 100 kilobytes.

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12. A mobile multimedia framework API as recited in claim 9, wherein the

5 protocol handler interface defines classes to handle data delivery protocols.

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12. A mobile multimedia framework API as recited in claim 9, further comprising a control interface.

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10 13. A mobile multimedia framework API as recited in claim 12, wherein the control interface defines advance playback functions.

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14. A mobile multimedia framework API as recited in claim 9, further comprising an error list interface.

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15. A mobile multimedia framework API as recited in claim 14, wherein the error list interface defines error classes for the API.

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16. A mobile multimedia framework API as recited in claim 9, further comprising an exceptions interface.

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17. A mobile multimedia framework API as recited in claim 16, wherein the
5 exceptions interface defines exception classes for the API.

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18. A mobile multimedia framework application program interface (API) capable of operation in mobile hardware devices, the mobile multimedia framework API comprising:

10 a playback interface consisting of a manager API, a package manager API, a player API, a time API, a time base API, a system time base API, and a media locator API;

an event listener interface that defines objects to receive update events from players; and

15 a protocol handler interface that defines classes to handle data delivery protocols, wherein a memory size of the mobile multimedia framework API is less than 100 kilobytes.

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19. A mobile multimedia framework API as recited in claim 18, further
20 comprising an exceptions interface.

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exceptions interface defines exception classes for the API.

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